**Practice: 384 - Woody Residue Treatment**

**Scenario: #6 - Hand Piled - On site**

**Scenario Description:**

Treating an area of forest or undergrowth slash of undesirable species to reduce hazardous fuels and the risk of insect and disease, improve organic matter, avoid resprouting and reduce erosion while improving water quality. Removal of slash for undesirable species allows better effectiveness for undesirable species. Slash is treated with both hand (cutting, lopping, etc.) and mechanically (masticating, chipping, etc.) and/or piled in a desirable location. Typically done by hand and light equipment. Resource concerns include: Wildfire hazard from excessive biomass accumulation and potential excessive plant pest pressure, plant productivity and invasive species control.

**Before Situation:**

Woody material resulting from a silvicultural practice such as pruning, removal or a light thinning operation is causing both fire hazard and pest issues.

**After Situation:**

Fire and pest issues are reduced with slash spread out and in contact with the ground. Competition to desirable species is reduced and Invasive species are controlled allowing any required secondary treatments to be more effective.

**Scenario Feature Measure:** Acre Treated

**Scenario Unit:** Acre

**Scenario Typical Size:** 10

**Scenario Cost:** $584.00 **Scenario Cost/Unit:** $58.40

**Cost Details (by category):**

| Component Name | ID | Component Description | Unit | Price ($/unit) | Quantity | Cost |
|---|---|---|---|---|---|---|
| ***Equipment/Installation*** | | | | | | |
| Truck, Pickup | 939 | Equipment and power unit costs. Labor not included. | Hour | $36.60 | 2 | $73.20 |
| Chainsaw | 937 | Equipment and power unit costs. Labor not included. | Hour | $6.20 | 10 | $62.00 |
| ***Labor*** | | | | | | |
| General Labor | 231 | Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc. | Hour | $18.70 | 24 | $448.80 |

**Practice: 384 - Woody Residue Treatment**

**Scenario: #7 - Chipper/Shredder On-Off site**

**Scenario Description:**

Treating an area of forest or undergrowth slash of undesirable species to reduce hazardous fuels and the risk of insect and disease, improve organic matter, avoid resprouting and reduce erosion while improving water quality. Removal of slash for undesirable species allows better effectiveness for undesirable species. Slash is treated with both hand (cutting, lopping, etc.) and mechanically (masticating, chipping, etc.) and/or piled in a desirable location. Typically done by hand and light equipment. Resource concerns include: Wildfire hazard from excessive biomass accumulation and potential excessive plant pest pressure, plant productivity and invasive species control.

**Before Situation:**

Woody material resulting from a silvicultural practice such as pruning, removal or a light thinning operation is causing both fire hazard and pest issues.

**After Situation:**

Fire and pest issues are reduced with slash spread out and in contact with the ground. Competition to desirable species is reduced and Invasive species are controlled allowing any required secondary treatments to be more effective.

**Scenario Feature Measure:** Acre Treated

**Scenario Unit:** Acre

**Scenario Typical Size:** 10

**Scenario Cost:** $1,155.30 **Scenario Cost/Unit:** $115.53

**Cost Details (by category):**

| Component Name | ID | Component Description | Unit | Price ($/unit) | Quantity | Cost |
|---|---|---|---|---|---|---|
| ***Equipment/Installation*** | | | | | | |
| Truck, Pickup | 939 | Equipment and power unit costs. Labor not included. | Hour | $36.60 | 5 | $183.00 |
| Brush Chipper, 6" capacity | 938 | Brush Chipper, 6" capacity, typically 35 HP. Includes chipper and power unit. Labor not included. | Hour | $21.76 | 20 | $435.20 |
| Chainsaw | 937 | Equipment and power unit costs. Labor not included. | Hour | $6.20 | 15 | $93.00 |
| ***Labor*** | | | | | | |
| General Labor | 231 | Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc. | Hour | $18.70 | 20 | $374.00 |
| ***Mobilization*** | | | | | | |
| Mobilization, very small equipment | 1137 | Equipment that is small enough to be transported by a pick-up truck with typical weights less than 3,500 pounds. Can be multiple pieces of equipment if all hauled simultaneously. | Each | $70.10 | 1 | $70.10 |